INSTRUCTIONS FOR USING THE REGRESSION TO THE MEAN, PREDICTED ACHIEVEMENT MODEL

To determine whether or not a student has a severe discrepancy between his/her ability and achievement:

1. Administer an age-appropriate norm-referenced intelligence test.

2. Administer an age-appropriate norm-referenced achievement test to determine student’s obtained achievement score(s) using one of the following three methods:
   a. The complete test, or
   b. Two composites in the area of referral using two different achievement tests. For example, if a student is referred for problems in reading, you may use the Reading Composite from the Kaufman Test of Educational Achievement (K-TEA) and the Reading Composite from the Wechsler Individual Achievement Test (WIAT), or
   c. Two subtests in the area of referral using two different achievement tests. For example, if a student is referred for problems in reading comprehension, you may administer the Reading Comprehension subtest from the Kaufman Test of Educational Achievement (K-TEA) and the Passage Comprehension Subtest from the Woodcock Reading Mastery Test – Revised (WRMT-R).

3. Determine whether IQ and achievement standard scores are all based on a common metric, i.e., mean of 100, standard deviation of 15. If not, convert all standard scores to the same metric using Table SLD-2 “Conversion Chart for Test Instruments with Standard Deviation of 15 and 16,” or Table SLD-3, Conversion Chart.

4. Determine the Predicted Achievement Score using Table SLD-1, Determining Predicted Achievement for Intelligence and Achievement Tests with Standard Deviations of 15.

5. Determine the difference between the student’s Predicted Achievement Score(s) and the Obtained Achievement Score(s) using one of the following two methods:
   a. If using a total score, difference must be 16 points or more between the Predicted and Obtained Achievement Scores for a severe discrepancy.
   b. If using subtest or composite scores, difference must be 16 points or more between the Predicted and Obtained Achievement Scores for both subtests for a severe discrepancy.